CERTIFICATE OF MAILING
I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on 3/4/2004
Roberto Plascencia Roberto Plascencia

OIPE MAR 08 2004 PATENT & TRADEMARK OFFICE

PATENT

Attorney Docket No. 18120-0025

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application	PATENT APPLICATION
Inventor(s): David E. Spence, et al.	Art Unit: 2828
Application No.: 10/678,596	Examiner: Not Assigned
Filed: October 3, 2003	
Title Diamond Cooled Laser Gain Assembly	

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Listed below or on an attached Form PTO-1449 is information known to applicant(s). A copy of each listed publication and U.S. and foreign patent, except for pending U.S. applications, can be found attached, according to 35 U.S.C. 120, along with a concise explanation of information in a foreign language, if any, pursuant to 37 C.F.R. §1.97-1.98.

Applicants respectfully request that the listed information be considered by the Examiner and be made of record in the above-identified application. If form PTO-1449 is enclosed, the Examiner is requested to initial and return it in accordance with MPEP §609.

This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in §1.56.

☒ This statement qualifies under *37 C.F.R. §1.97*, subsection (b) because (check all that apply):

☐ (1) It is being filed within 3 months of the application filing date and is other than a continued prosecution application under § 1.53(d)

-- OR --

☐ (2) It is being filed within 3 months of entry of a national stage

-- OR --

☒ (3) It is being filed before the mail date of the first Office Action on the merits

-- OR --

☐ (4) It is being filed before the mailing of a first Office Action after the filing of a request for continued examination under § 1.114.

☐ *37 C.F.R. §1.97(c).* If this statement is being filed after the latest of: (1) three months beyond the filing date of a national application; (2) three months beyond the date of entry of the national stage as set forth in §1.491 in an international application; or (3) the mailing date of a first Office action on the merits, but before the mailing date of the earlier of a final office action under §1.113 or a notice of allowance under §1.311, then:

☐ a certification as specified in §1.97(e) is provided below; **or**

☐ a fee of $180.00 as set forth in §1.17(p) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.

☐ *37 C.F.R. §1.97(d).* If this statement is being filed after the mailing date of the earlier of a final office action under §1.113 or a notice of allowance under §1.311, but before payment of the issue fee, then:

A. a certification as specified in §1.97(e) is completed below; and

B. a petition under 37 C.F.R. §1.97(d) requesting consideration of this statement is submitted herewith; **and**

C. a fee of $130.00 as set forth in §1.17(i)(1) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.

☒ *Fee Authorization.* The Commissioner is hereby authorized to charge the above-referenced fees of $0.00 and charge any additional fees or credit any overpayment associated with this communication to Deposit Account No. 08-1641 (Docket No. 18120-0025).

Respectfully submitted,

HELLER EHRMAN WHITE & MCAULIFFE LLP

Dated: 3/4/04

By: _____
Paul Davis, Reg. No. 29,294

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INFORMATION DISCLOSURE CITATION PTO-1449	ATTY. DOCKET NO. 18120-0025	SERIAL NO. 10/678,596
	APPLICANT David E. Spence, et al.	
	FILING DATE 10/03/2003	GROUP 2828

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U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	3,525,053	08/18/1970	Chernoch	331	94.5	10/22/1965
	3,631,362	12/28/1971	Almasi et al.	331	94.5	08/27/1968
	5,553,088	09/03/1996	Brauch et al.	372	34	12/22/1993

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
						☐	☐

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Abate, et al., "Active mirror: a large-aperture medium-repetition rate Nd:glass amplifier," Applied Optics, Vol. 20, No. 2, pp. 351-361, 1981.
	Brown, et al., "Efficient cw end-pumped end-cooled Nd:YVO_4 diode-pumped laser," Applied Optics, Vol. 36, No. 33, pp. 8611-8613, 1997.
	Liao, et al., "Pressure tuning of thermal lensing for high-power scaling," Optics Letters, Vol. 24, No. 19, pp. 1343-1345, 1999.
	Matthews, et al., "Pump Face Cooling of a Nd:YVO_4 Laser," OSA TOPS, Vol. 50, pp. 138-142, 2001.

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.